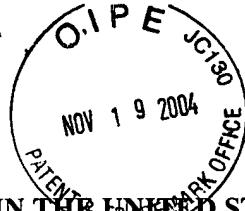


S/N 10/024,057



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Stephen W. Montgomery et al. Examiner: Kishor Mayekar
Serial No.: 10/024,057 Group Art Unit: 1753
Filed: December 17, 2001 Docket: 884.569US1
Title: METHOD AND APPARATUS FOR PRODUCING ALIGNED CARBON NANOTUBE
THERMAL INTERFACE STRUCTURE
Assignee: Intel Corporation Customer No: 21186

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(c)(2), Applicants have included the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p). Please charge any additional fees or credit any overpayment to Deposit Account No. 19-0743.

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

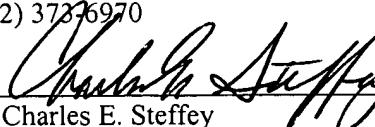
Respectfully submitted,

STEPHEN W. MONTGOMERY ET AL.

By their Representatives,

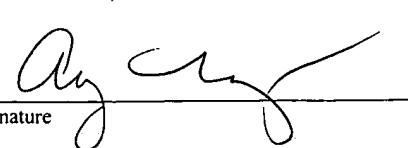
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Date November 17, 2004

By 
Charles E. Steffey
Reg. No. 25,179

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 17th day of November, 2004.

Name Amy Moriarty

Signature 

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PTO/SB/08A(10-01)

Approved for use through 10/31/2002. OMB 851-0001
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

PTO/TM/OP

Complete if Known

Application Number	10/024,057
Filing Date	December 17, 2001
First Named Inventor	Montgomery, Stephen
Group Art Unit	1753
Examiner Name	Mayekar, Kishor

Sheet 1 of 1

Attorney Docket No: 884.569US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US20020105071A1	08/08/2002	Mahajan, R. V., et al.	12/21/2001
	US20030117770	06/26/2003	Montgomery, Stephen W.	12/20/2001
	US20030135971A1	07/24/2003	Liberman, M. , et al.	08/09/2002
	US20030179559A1	09/25/2003	Engelhardt, M. , et al.	11/13/2002
	US20040150100A1	08/05/2004	Dubin, V. M., et al.	02/03/2003
	US-5,316,080	05/31/1994	Banks, Bruce A., et al.	02/10/1993
	US-5,604,037	02/18/1997	Ting, Jyh-Ming , et al.	11/01/1994
	US-5,825,624	10/20/1998	Arnold, Judson V., et al.	02/05/1997
	US-5,837,081	11/17/1998	Ting, Jyh-Ming , et al.	03/13/1996
	US-5,965,267	10/12/1999	Nolan, Peter E., et al.	03/31/1998
	US-6,504,292	01/07/2003	Choi, K. M., et al.	07/30/1999
	US-6,651,736	11/25/2003	Chiu, C. , et al.	06/28/2001

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
	EP-0538798	04/28/1993	Iguchi, T. , et al.	
	EP-0689244	12/27/1995	Anthony, T. R.	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BELLAR, R J., et al., "High Conduction Thermal Interface Material", <u>IBM Technical Disclosure Bulletin</u> , 36 (10), (October 1, 1993),581-583	
		ZHANG, Y. , et al., "Formation of metal nanowires on suspended single-walled carbon nanotubes", <u>Applied Physics Letters</u> , 77(19), (November 6, 2000),3015-3017	

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached